

Hit Summary Sheet
SW-846

SDG No.: P4822

Order ID: P4822

Client: BAPS North Bergen

Project ID: BAPS North Bergen

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SOIL-1								
P4822-02	SOIL-1	SOIL	Dieldrin	0.54	JP	0.16	1.80	ug/kg
P4822-02	SOIL-1	SOIL	4,4-DDE	0.42	J	0.14	1.80	ug/kg
P4822-02	SOIL-1	SOIL	Endrin	0.33	J	0.17	1.80	ug/kg
P4822-02	SOIL-1	SOIL	4,4-DDT	2.50	P	0.18	1.80	ug/kg
P4822-02	SOIL-1	SOIL	alpha-Chlordane	1.30	JP	0.18	1.80	ug/kg
Total Concentration:				5.090				
Client ID : SOIL-2								
P4822-04	SOIL-2	SOIL	Dieldrin	0.96	JP	0.17	1.90	ug/kg
P4822-04	SOIL-2	SOIL	4,4-DDE	0.78	J	0.14	1.90	ug/kg
P4822-04	SOIL-2	SOIL	Endrin	0.49	JP	0.18	1.90	ug/kg
P4822-04	SOIL-2	SOIL	4,4-DDT	3.30	P	0.19	1.90	ug/kg
P4822-04	SOIL-2	SOIL	alpha-Chlordane	0.85	JP	0.19	1.90	ug/kg
Total Concentration:				6.380				
Client ID : SOIL-3								
P4822-06	SOIL-3	SOIL	Dieldrin	0.76	JP	0.16	1.90	ug/kg
P4822-06	SOIL-3	SOIL	4,4-DDE	0.68	J	0.14	1.90	ug/kg
P4822-06	SOIL-3	SOIL	Endrin	0.40	J	0.17	1.90	ug/kg
P4822-06	SOIL-3	SOIL	4,4-DDT	2.90	P	0.19	1.90	ug/kg
P4822-06	SOIL-3	SOIL	alpha-Chlordane	0.72	JP	0.19	1.90	ug/kg
Total Concentration:				5.460				
Client ID : SOIL-4								
P4822-08	SOIL-4	SOIL	Dieldrin	1.40	JP	0.16	1.80	ug/kg
P4822-08	SOIL-4	SOIL	4,4-DDE	1.10	J	0.14	1.80	ug/kg
P4822-08	SOIL-4	SOIL	Endrin	0.74	J	0.17	1.80	ug/kg
P4822-08	SOIL-4	SOIL	4,4-DDT	4.40	P	0.18	1.80	ug/kg
P4822-08	SOIL-4	SOIL	alpha-Chlordane	1.90	P	0.18	1.80	ug/kg
Total Concentration:				9.540				
Client ID : SOIL-5								
P4822-10	SOIL-5	SOIL	Dieldrin	1.30	JP	0.16	1.90	ug/kg
P4822-10	SOIL-5	SOIL	Endrin	0.38	J	0.17	1.90	ug/kg
P4822-10	SOIL-5	SOIL	Endosulfan Sulfate	0.57	JP	0.14	1.90	ug/kg
P4822-10	SOIL-5	SOIL	4,4-DDT	2.60	P	0.19	1.90	ug/kg
P4822-10	SOIL-5	SOIL	alpha-Chlordane	1.20	JP	0.19	1.90	ug/kg
P4822-10	SOIL-5	SOIL	gamma-Chlordane	1.90	P	0.21	1.90	ug/kg

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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				7.950				
Client ID : SOIL-6								
P4822-12	SOIL-6	SOIL	Dieldrin	0.49	JP	0.16	1.90	ug/kg
P4822-12	SOIL-6	SOIL	4,4-DDE	0.32	J	0.14	1.90	ug/kg
P4822-12	SOIL-6	SOIL	Endrin	0.24	J	0.18	1.90	ug/kg
P4822-12	SOIL-6	SOIL	4,4-DDT	1.60	JP	0.19	1.90	ug/kg
P4822-12	SOIL-6	SOIL	alpha-Chlordane	1.80	JP	0.19	1.90	ug/kg
P4822-12	SOIL-6	SOIL	gamma-Chlordane	0.87	JP	0.21	1.90	ug/kg
Total Concentration:				5.320				



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	BAPS North Bergen		Date Collected:	11/12/24	
Project:	BAPS North Bergen		Date Received:	11/12/24	
Client Sample ID:	SOIL-1		SDG No.:	P4822	
Lab Sample ID:	P4822-02		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92.4	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093030.D	1	11/13/24 08:40	11/13/24 13:57	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.53	U	0.53	1.80	ug/kg
319-86-8	delta-BHC	0.51	U	0.51	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.21	U	0.21	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.15	U	0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.25	U	0.25	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.54	JP	0.16	1.80	ug/kg
72-55-9	4,4-DDE	0.42	J	0.14	1.80	ug/kg
72-20-8	Endrin	0.33	J	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	0.21	U	0.21	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	2.50	P	0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.80	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.42	U	0.42	1.80	ug/kg
5103-71-9	alpha-Chlordane	1.30	JP	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.21	U	0.21	1.80	ug/kg
8001-35-2	Toxaphene	5.60	U	5.60	35.6	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.6		30 (10) - 150 (148)	68%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.1		30 (10) - 150 (159)	70%	SPK: 20

Report of Analysis

Client:	BAPS North Bergen		Date Collected:	11/12/24	
Project:	BAPS North Bergen		Date Received:	11/12/24	
Client Sample ID:	SOIL-1		SDG No.:	P4822	
Lab Sample ID:	P4822-02		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92.4	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093030.D	1	11/13/24 08:40	11/13/24 13:57	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	BAPS North Bergen		Date Collected:	11/12/24	
Project:	BAPS North Bergen		Date Received:	11/12/24	
Client Sample ID:	SOIL-2		SDG No.:	P4822	
Lab Sample ID:	P4822-04		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	89.7	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093031.D	1	11/13/24 08:40	11/13/24 14:10	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.20	U	0.20	1.90	ug/kg
319-85-7	beta-BHC	0.55	U	0.55	1.90	ug/kg
319-86-8	delta-BHC	0.52	U	0.52	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.21	U	0.21	1.90	ug/kg
76-44-8	Heptachlor	0.19	U	0.19	1.90	ug/kg
309-00-2	Aldrin	0.16	U	0.16	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.26	U	0.26	1.90	ug/kg
959-98-8	Endosulfan I	0.19	U	0.19	1.90	ug/kg
60-57-1	Dieldrin	0.96	JP	0.17	1.90	ug/kg
72-55-9	4,4-DDE	0.78	J	0.14	1.90	ug/kg
72-20-8	Endrin	0.49	JP	0.18	1.90	ug/kg
33213-65-9	Endosulfan II	0.33	U	0.33	1.90	ug/kg
72-54-8	4,4-DDD	0.21	U	0.21	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.90	ug/kg
50-29-3	4,4-DDT	3.30	P	0.19	1.90	ug/kg
72-43-5	Methoxychlor	0.42	U	0.42	1.90	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.43	U	0.43	1.90	ug/kg
5103-71-9	alpha-Chlordane	0.85	JP	0.19	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.21	U	0.21	1.90	ug/kg
8001-35-2	Toxaphene	5.80	U	5.80	36.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.7		30 (10) - 150 (148)	79%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.0		30 (10) - 150 (159)	85%	SPK: 20

Report of Analysis

Client:	BAPS North Bergen		Date Collected:	11/12/24	
Project:	BAPS North Bergen		Date Received:	11/12/24	
Client Sample ID:	SOIL-2		SDG No.:	P4822	
Lab Sample ID:	P4822-04		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	89.7	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093031.D	1	11/13/24 08:40	11/13/24 14:10	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Report of Analysis

Client:	BAPS North Bergen		Date Collected:	11/12/24	
Project:	BAPS North Bergen		Date Received:	11/12/24	
Client Sample ID:	SOIL-3		SDG No.:	P4822	
Lab Sample ID:	P4822-06		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	91.4	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093032.D	1	11/13/24 08:40	11/13/24 14:24	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.20	U	0.20	1.90	ug/kg
319-85-7	beta-BHC	0.54	U	0.54	1.90	ug/kg
319-86-8	delta-BHC	0.51	U	0.51	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.21	U	0.21	1.90	ug/kg
76-44-8	Heptachlor	0.19	U	0.19	1.90	ug/kg
309-00-2	Aldrin	0.15	U	0.15	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.25	U	0.25	1.90	ug/kg
959-98-8	Endosulfan I	0.19	U	0.19	1.90	ug/kg
60-57-1	Dieldrin	0.76	JP	0.16	1.90	ug/kg
72-55-9	4,4-DDE	0.68	J	0.14	1.90	ug/kg
72-20-8	Endrin	0.40	J	0.17	1.90	ug/kg
33213-65-9	Endosulfan II	0.33	U	0.33	1.90	ug/kg
72-54-8	4,4-DDD	0.21	U	0.21	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.90	ug/kg
50-29-3	4,4-DDT	2.90	P	0.19	1.90	ug/kg
72-43-5	Methoxychlor	0.42	U	0.42	1.90	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.43	U	0.43	1.90	ug/kg
5103-71-9	alpha-Chlordane	0.72	JP	0.19	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.21	U	0.21	1.90	ug/kg
8001-35-2	Toxaphene	5.70	U	5.70	36.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	12.2		30 (10) - 150 (148)	61%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.9		30 (10) - 150 (159)	65%	SPK: 20

Report of Analysis

Client:	BAPS North Bergen		Date Collected:	11/12/24	
Project:	BAPS North Bergen		Date Received:	11/12/24	
Client Sample ID:	SOIL-3		SDG No.:	P4822	
Lab Sample ID:	P4822-06		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	91.4	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093032.D	1	11/13/24 08:40	11/13/24 14:24	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Report of Analysis

Client:	BAPS North Bergen		Date Collected:	11/12/24	
Project:	BAPS North Bergen		Date Received:	11/12/24	
Client Sample ID:	SOIL-4		SDG No.:	P4822	
Lab Sample ID:	P4822-08		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92.9	Decanted:
Sample Wt/Vol:	30.09	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093033.D	1	11/13/24 08:40	11/13/24 14:37	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.53	U	0.53	1.80	ug/kg
319-86-8	delta-BHC	0.50	U	0.50	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.15	U	0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.25	U	0.25	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	1.40	JP	0.16	1.80	ug/kg
72-55-9	4,4-DDE	1.10	J	0.14	1.80	ug/kg
72-20-8	Endrin	0.74	J	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	0.20	U	0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	4.40	P	0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.80	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.42	U	0.42	1.80	ug/kg
5103-71-9	alpha-Chlordane	1.90	P	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.20	U	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.60	U	5.60	35.4	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.1		30 (10) - 150 (148)	75%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.6		30 (10) - 150 (159)	78%	SPK: 20

Report of Analysis

Client:	BAPS North Bergen		Date Collected:	11/12/24	
Project:	BAPS North Bergen		Date Received:	11/12/24	
Client Sample ID:	SOIL-4		SDG No.:	P4822	
Lab Sample ID:	P4822-08		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	92.9	Decanted:
Sample Wt/Vol:	30.09	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093033.D	1	11/13/24 08:40	11/13/24 14:37	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Report of Analysis

Client:	BAPS North Bergen		Date Collected:	11/12/24	
Project:	BAPS North Bergen		Date Received:	11/12/24	
Client Sample ID:	SOIL-5		SDG No.:	P4822	
Lab Sample ID:	P4822-10		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	91.5	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093034.D	1	11/13/24 08:40	11/13/24 14:51	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.20	U	0.20	1.90	ug/kg
319-85-7	beta-BHC	0.53	U	0.53	1.90	ug/kg
319-86-8	delta-BHC	0.51	U	0.51	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.21	U	0.21	1.90	ug/kg
76-44-8	Heptachlor	0.19	U	0.19	1.90	ug/kg
309-00-2	Aldrin	0.15	U	0.15	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.25	U	0.25	1.90	ug/kg
959-98-8	Endosulfan I	0.19	U	0.19	1.90	ug/kg
60-57-1	Dieldrin	1.30	JP	0.16	1.90	ug/kg
72-55-9	4,4-DDE	0.14	U	0.14	1.90	ug/kg
72-20-8	Endrin	0.38	J	0.17	1.90	ug/kg
33213-65-9	Endosulfan II	0.33	U	0.33	1.90	ug/kg
72-54-8	4,4-DDD	0.21	U	0.21	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.57	JP	0.14	1.90	ug/kg
50-29-3	4,4-DDT	2.60	P	0.19	1.90	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.90	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.43	U	0.43	1.90	ug/kg
5103-71-9	alpha-Chlordane	1.20	JP	0.19	1.90	ug/kg
5103-74-2	gamma-Chlordane	1.90	P	0.21	1.90	ug/kg
8001-35-2	Toxaphene	5.70	U	5.70	36.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.5		30 (10) - 150 (148)	88%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.5		30 (10) - 150 (159)	103%	SPK: 20

Report of Analysis

Client:	BAPS North Bergen		Date Collected:	11/12/24	
Project:	BAPS North Bergen		Date Received:	11/12/24	
Client Sample ID:	SOIL-5		SDG No.:	P4822	
Lab Sample ID:	P4822-10		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	91.5	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093034.D	1	11/13/24 08:40	11/13/24 14:51	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	BAPS North Bergen		Date Collected:	11/12/24	
Project:	BAPS North Bergen		Date Received:	11/12/24	
Client Sample ID:	SOIL-6		SDG No.:	P4822	
Lab Sample ID:	P4822-12		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	91.3	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093035.D	1	11/13/24 08:40	11/13/24 15:04	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.20	U	0.20	1.90	ug/kg
319-85-7	beta-BHC	0.54	U	0.54	1.90	ug/kg
319-86-8	delta-BHC	0.51	U	0.51	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.21	U	0.21	1.90	ug/kg
76-44-8	Heptachlor	0.19	U	0.19	1.90	ug/kg
309-00-2	Aldrin	0.15	U	0.15	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.25	U	0.25	1.90	ug/kg
959-98-8	Endosulfan I	0.19	U	0.19	1.90	ug/kg
60-57-1	Dieldrin	0.49	JP	0.16	1.90	ug/kg
72-55-9	4,4-DDE	0.32	J	0.14	1.90	ug/kg
72-20-8	Endrin	0.24	J	0.18	1.90	ug/kg
33213-65-9	Endosulfan II	0.33	U	0.33	1.90	ug/kg
72-54-8	4,4-DDD	0.21	U	0.21	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.90	ug/kg
50-29-3	4,4-DDT	1.60	JP	0.19	1.90	ug/kg
72-43-5	Methoxychlor	0.42	U	0.42	1.90	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.43	U	0.43	1.90	ug/kg
5103-71-9	alpha-Chlordane	1.80	JP	0.19	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.87	JP	0.21	1.90	ug/kg
8001-35-2	Toxaphene	5.70	U	5.70	36.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.9		30 (10) - 150 (148)	75%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.7		30 (10) - 150 (159)	78%	SPK: 20

Report of Analysis

Client:	BAPS North Bergen		Date Collected:	11/12/24	
Project:	BAPS North Bergen		Date Received:	11/12/24	
Client Sample ID:	SOIL-6		SDG No.:	P4822	
Lab Sample ID:	P4822-12		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	91.3	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093035.D	1	11/13/24 08:40	11/13/24 15:04	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	P4822	OrderDate:	11/12/2024 1:54:09 PM
Client:	BAPS North Bergen	Project:	BAPS North Bergen
Contact:	Rakesh Patel	Location:	L21,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4822-01	SOIL-1	Solid	EPH	NJEPH	11/12/24	11/13/24	11/13/24	11/12/24
P4822-02	SOIL-1	SOIL	PCB Pesticide-TCL	8082A 8081B	11/12/24	11/13/24 11/13/24	11/13/24 11/13/24	11/12/24
P4822-03	SOIL-2	Solid	EPH	NJEPH	11/12/24	11/13/24	11/13/24	11/12/24
P4822-04	SOIL-2	SOIL	PCB Pesticide-TCL	8082A 8081B	11/12/24	11/13/24 11/13/24	11/13/24 11/13/24	11/12/24
P4822-05	SOIL-3	Solid	EPH EPH	NJEPH NJEPH	11/12/24	11/13/24 11/13/24	11/13/24 11/14/24	11/12/24
P4822-06	SOIL-3	SOIL	PCB Pesticide-TCL	8082A 8081B	11/12/24	11/13/24 11/13/24	11/13/24 11/13/24	11/12/24
P4822-07	SOIL-4	Solid	EPH EPH	NJEPH NJEPH	11/12/24	11/13/24 11/13/24	11/13/24 11/14/24	11/12/24
P4822-08	SOIL-4	SOIL	PCB Pesticide-TCL	8082A 8081B	11/12/24	11/13/24 11/13/24	11/13/24 11/13/24	11/12/24
P4822-09	SOIL-5	Solid	EPH EPH	NJEPH NJEPH	11/12/24	11/13/24 11/13/24	11/13/24 11/14/24	11/12/24

LAB CHRONICLE

P4822-10	SOIL-5	SOIL			11/12/24		11/12/24
			PCB	8082A		11/13/24	11/13/24
			Pesticide-TCL	8081B		11/13/24	11/13/24
P4822-11	SOIL-6	Solid			11/12/24		11/12/24
			EPH	NJEPH		11/13/24	11/13/24
			EPH	NJEPH		11/13/24	11/14/24
P4822-12	SOIL-6	SOIL			11/12/24		11/12/24
			PCB	8082A		11/13/24	11/13/24
			Pesticide-TCL	8081B		11/13/24	11/13/24